

OM nucleic - nucleic search, using sw model

Run on: January 7, 2004, 01:57:47 ; Search time 536.782 Seconds
 (without alignments)
 7116.248 Million cell updates/sec

Title: US-09-904-568-1

Perfect score: 1100

Sequence: 1 gcacgagccacagccagcta.....attaaaaaaaaaaaaaaaaaa 1100

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2276164 seqs, 1736306516 residues

Total number of hits satisfying chosen parameters: 1227240

Minimum DB seq length: 12

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 65000 summaries

Database : Published_Applications_NA:*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 17: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

%

Result	Query	Score	Match	Length	DB	ID	S/L
c 679		17	1.5	17	10	US-09-843	1
c 680		17	1.5	17	10	US-09-766	1

c 681	17	1.5	17	11	US-09-438	1
682	17	1.5	17	14	US-10-208	1
c 683	17	1.5	17	15	US-10-053	1
c 684	17	1.5	17	15	US-10-054	1
c 685	17	1.5	17	15	US-10-117	1
c 686	17	1.5	17	15	US-10-054	1
c1603	16	1.5	16	9	US-09-739	1
c1604	16	1.5	16	9	US-09-152	1
c1605	16	1.5	16	10	US-09-805	1
1606	16	1.5	16	10	US-09-843	1
1607	16	1.5	16	10	US-09-766	1
1608	16	1.5	16	11	US-09-438	1
c1609	16	1.5	16	13	US-10-008	1
c1610	16	1.5	16	13	US-10-051	1
c1611	16	1.5	16	13	US-10-208	1
c1612	16	1.5	16	13	US-10-203	1
1613	16	1.5	16	14	US-10-208	1
1614	16	1.5	16	15	US-10-053	1
1615	16	1.5	16	15	US-10-054	1
1616	16	1.5	16	15	US-10-054	1
c1617	16	1.5	16	15	US-10-072	1
c1618	16	1.5	16	15	US-10-227	1
c3436	15	1.4	15	9	US-09-504	1
c3437	15	1.4	15	9	US-09-930	1
c3438	15	1.4	15	9	US-09-274	1
c3439	15	1.4	15	10	US-09-776	1
c3440	15	1.4	15	10	US-09-955	1
3441	15	1.4	15	10	US-09-955	1
c3442	15	1.4	15	10	US-09-805	1
c3443	15	1.4	15	10	US-09-983	1
3444	15	1.4	15	10	US-09-983	1
c3445	15	1.4	15	10	US-09-850	1
c3446	15	1.4	15	10	US-09-988	1
c3447	15	1.4	15	12	US-10-045	1
c3448	15	1.4	15	12	US-10-456	1
c3449	15	1.4	15	13	US-10-051	1
c3450	15	1.4	15	13	US-10-341	1
c3451	15	1.4	15	13	US-10-106	1
c3452	15	1.4	15	13	US-10-106	1
c3453	15	1.4	15	13	US-10-384	1
c3454	15	1.4	15	13	US-10-269	1
c3455	15	1.4	15	13	US-10-352	1
3456	15	1.4	15	13	US-10-352	1
c3457	15	1.4	15	13	US-10-091	1
c3458	15	1.4	15	13	US-10-154	1
3459	15	1.4	15	13	US-10-154	1
c3460	15	1.4	15	13	US-10-431	1
c3461	15	1.4	15	13	US-10-384	1
c3462	15	1.4	15	13	US-09-793	1
c3463	15	1.4	15	13	US-09-793	1
c3464	15	1.4	15	13	US-10-371	1
3465	15	1.4	15	14	US-10-208	1
3466	15	1.4	15	15	US-10-176	1
c3467	15	1.4	15	15	US-10-202	1
c3468	15	1.4	15	15	US-10-072	1
c3469	15	1.4	15	15	US-10-227	1
c7930	14	1.3	14	9	US-09-152	1
c7931	14	1.3	14	9	US-09-152	1
c7932	14	1.3	14	9	US-09-152	1
c7933	14	1.3	14	9	US-09-152	1

c7934	14	1.3	14	9	US-09-152	1
7935	14	1.3	14	9	US-09-152	1
7936	14	1.3	14	9	US-09-152	1
c7937	14	1.3	14	9	US-09-152	1
7938	14	1.3	14	9	US-09-152	1
7939	14	1.3	14	9	US-09-152	1
c7940	14	1.3	14	9	US-09-152	1
7941	14	1.3	14	9	US-09-152	1
7942	14	1.3	14	9	US-09-152	1
c7943	14	1.3	14	9	US-09-152	1
7944	14	1.3	14	9	US-09-152	1
7945	14	1.3	14	9	US-09-152	1
c7946	14	1.3	14	9	US-09-152	1
7947	14	1.3	14	9	US-09-152	1
7948	14	1.3	14	9	US-09-152	1
7949	14	1.3	14	9	US-09-152	1
7950	14	1.3	14	9	US-09-152	1
c7951	14	1.3	14	9	US-09-152	1
7952	14	1.3	14	9	US-09-152	1
7953	14	1.3	14	9	US-09-152	1
c7954	14	1.3	14	9	US-09-152	1
7955	14	1.3	14	9	US-09-152	1
7956	14	1.3	14	9	US-09-152	1
c7957	14	1.3	14	9	US-09-152	1
7958	14	1.3	14	9	US-09-152	1
7959	14	1.3	14	9	US-09-152	1
c7960	14	1.3	14	9	US-09-152	1
7961	14	1.3	14	9	US-09-152	1
7962	14	1.3	14	9	US-09-152	1
c7963	14	1.3	14	9	US-09-152	1
7964	14	1.3	14	9	US-09-152	1
7965	14	1.3	14	9	US-09-152	1
c7966	14	1.3	14	9	US-09-152	1
7967	14	1.3	14	9	US-09-152	1
7968	14	1.3	14	9	US-09-152	1
c7969	14	1.3	14	9	US-09-152	1
7970	14	1.3	14	9	US-09-152	1
7971	14	1.3	14	9	US-09-152	1
c7972	14	1.3	14	9	US-09-152	1
7973	14	1.3	14	9	US-09-152	1
7974	14	1.3	14	9	US-09-152	1
c7975	14	1.3	14	9	US-09-152	1
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7977	14	1.3	14	9	US-09-152	1
c7978	14	1.3	14	9	US-09-152	1
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7980	14	1.3	14	9	US-09-152	1
c7981	14	1.3	14	9	US-09-152	1
7982	14	1.3	14	9	US-09-152	1
7983	14	1.3	14	9	US-09-152	1
c7984	14	1.3	14	9	US-09-152	1
7985	14	1.3	14	9	US-09-152	1
7986	14	1.3	14	9	US-09-152	1
c7987	14	1.3	14	9	US-09-152	1
7988	14	1.3	14	9	US-09-152	1
7989	14	1.3	14	9	US-09-152	1
c7990	14	1.3	14	9	US-09-152	1
7991	14	1.3	14	9	US-09-152	1
7992	14	1.3	14	9	US-09-152	1
c7993	14	1.3	14	9	US-09-152	1

7994	14	1.3	14	9	US-09-152	1	
7995	14	1.3	14	9	US-09-152	1	
c7996	14	1.3	14	9	US-09-152	1	
7997	14	1.3	14	9	US-09-152	1	
7998	14	1.3	14	9	US-09-152	1	
c7999	14	1.3	14	13	US-10-008	1	
c8000	14	1.3	14	13	US-10-008	1	
c8001	14	1.3	14	13	US-10-008	1	
c8002	14	1.3	14	13	US-10-008	1	
c8003	14	1.3	14	13	US-10-008	1	
8004	14	1.3	14	13	US-10-008	1	
8005	14	1.3	14	13	US-10-008	1	
c8006	14	1.3	14	13	US-10-008	1	
8007	14	1.3	14	13	US-10-008	1	
8008	14	1.3	14	13	US-10-008	1	
c8009	14	1.3	14	13	US-10-008	1	
8010	14	1.3	14	13	US-10-008	1	
8011	14	1.3	14	13	US-10-008	1	
c8012	14	1.3	14	13	US-10-008	1	
8013	14	1.3	14	13	US-10-008	1	
8014	14	1.3	14	13	US-10-008	1	
c8015	14	1.3	14	13	US-10-008	1	
8016	14	1.3	14	13	US-10-008	1	
8017	14	1.3	14	13	US-10-008	1	
8018	14	1.3	14	13	US-10-008	1	
8019	14	1.3	14	13	US-10-008	1	
c8020	14	1.3	14	13	US-10-008	1	
8021	14	1.3	14	13	US-10-008	1	
8022	14	1.3	14	13	US-10-008	1	
c8023	14	1.3	14	13	US-10-008	1	
8024	14	1.3	14	13	US-10-008	1	
8025	14	1.3	14	13	US-10-008	1	
c8026	14	1.3	14	13	US-10-008	1	
8027	14	1.3	14	13	US-10-008	1	
8028	14	1.3	14	13	US-10-008	1	
c8029	14	1.3	14	13	US-10-008	1	
8030	14	1.3	14	13	US-10-008	1	
8031	14	1.3	14	13	US-10-008	1	
c8032	14	1.3	14	13	US-10-008	1	
8033	14	1.3	14	13	US-10-008	1	
8034	14	1.3	14	13	US-10-008	1	
c8035	14	1.3	14	13	US-10-008	1	
8036	14	1.3	14	13	US-10-008	1	
8037	14	1.3	14	13	US-10-008	1	
c8038	14	1.3	14	13	US-10-008	1	
8039	14	1.3	14	13	US-10-008	1	
8040	14	1.3	14	13	US-10-008	1	
c8041	14	1.3	14	13	US-10-008	1	
8042	14	1.3	14	13	US-10-008	1	
8043	14	1.3	14	13	US-10-008	1	
c8044	14	1.3	14	13	US-10-008	1	
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8046	14	1.3	14	13	US-10-008	1	
c8047	14	1.3	14	13	US-10-008	1	
8048	14	1.3	14	13	US-10-008	1	
8049	14	1.3	14	13	US-10-008	1	
c8050	14	1.3	14	13	US-10-008	1	
8051	14	1.3	14	13	US-10-008	1	
8052	14	1.3	14	13	US-10-008	1	
c8053	14	1.3	14	13	US-10-008	1	

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8055	14	1.3	14	13	US-10-008	1
c8056	14	1.3	14	13	US-10-008	1
8057	14	1.3	14	13	US-10-008	1
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8064	14	1.3	14	13	US-10-008	1
c8065	14	1.3	14	13	US-10-008	1
8066	14	1.3	14	13	US-10-008	1
8067	14	1.3	14	13	US-10-008	1
c8068	14	1.3	14	13	US-10-208	1
c8069	14	1.3	14	13	US-10-208	1
c8070	14	1.3	14	13	US-10-208	1
c8071	14	1.3	14	13	US-10-208	1
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8077	14	1.3	14	13	US-10-208	1
c8078	14	1.3	14	13	US-10-208	1
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8080	14	1.3	14	13	US-10-208	1
c8081	14	1.3	14	13	US-10-208	1
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c8089	14	1.3	14	13	US-10-208	1
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c8092	14	1.3	14	13	US-10-208	1
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8094	14	1.3	14	13	US-10-208	1
c8095	14	1.3	14	13	US-10-208	1
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8097	14	1.3	14	13	US-10-208	1
c8098	14	1.3	14	13	US-10-208	1
8099	14	1.3	14	13	US-10-208	1
8100	14	1.3	14	13	US-10-208	1
c8101	14	1.3	14	13	US-10-208	1
8102	14	1.3	14	13	US-10-208	1
8103	14	1.3	14	13	US-10-208	1
c8104	14	1.3	14	13	US-10-208	1
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c8107	14	1.3	14	13	US-10-208	1
8108	14	1.3	14	13	US-10-208	1
8109	14	1.3	14	13	US-10-208	1
c8110	14	1.3	14	13	US-10-208	1
8111	14	1.3	14	13	US-10-208	1
8112	14	1.3	14	13	US-10-208	1
c8113	14	1.3	14	13	US-10-208	1

8114	14	1.3	14	13	US-10-208	1
8115	14	1.3	14	13	US-10-208	1
c8116	14	1.3	14	13	US-10-208	1
8117	14	1.3	14	13	US-10-208	1
8118	14	1.3	14	13	US-10-208	1
c8119	14	1.3	14	13	US-10-208	1
8120	14	1.3	14	13	US-10-208	1
8121	14	1.3	14	13	US-10-208	1
c8122	14	1.3	14	13	US-10-208	1
8123	14	1.3	14	13	US-10-208	1
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c8125	14	1.3	14	13	US-10-208	1
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8127	14	1.3	14	13	US-10-208	1
c8128	14	1.3	14	13	US-10-208	1
8129	14	1.3	14	13	US-10-208	1
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c8131	14	1.3	14	13	US-10-208	1
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c8134	14	1.3	14	13	US-10-208	1
8135	14	1.3	14	13	US-10-208	1
8136	14	1.3	14	13	US-10-208	1
8137	14	1.3	14	13	US-10-106	1
8138	14	1.3	14	13	US-10-151	1
8139	14	1.3	14	14	US-10-208	1
8140	14	1.3	14	15	US-10-301	1
c20270	13	1.2	13	9	US-09-862	1
c20271	13	1.2	13	9	US-09-919	1
c20272	13	1.2	13	11	US-09-888	1
c20273	13	1.2	13	11	US-09-888	1
c20274	13	1.2	13	11	US-09-776	1
c20275	13	1.2	13	11	US-09-776	1
20276	13	1.2	13	13	US-10-371	1
20277	13	1.2	13	13	US-10-361	1
20278	13	1.2	13	14	US-10-208	1
c20279	13	1.2	13	15	US-10-112	1
c20280	13	1.2	13	15	US-10-112	1
c20281	13	1.2	13	15	US-10-017	1
c20282	13	1.2	13	15	US-10-017	1
c20283	13	1.2	13	15	US-10-149	1
c20284	13	1.2	13	15	US-10-325	1
c20285	13	1.2	13	15	US-10-180	1
c53579	12	1.1	12	8	US-08-870	1
c53580	12	1.1	12	10	US-09-489	1
c53581	12	1.1	12	10	US-09-841	1
c53582	12	1.1	12	11	US-09-560	1
c53583	12	1.1	12	11	US-09-997	1
c53584	12	1.1	12	13	US-10-352	1
53585	12	1.1	12	13	US-10-352	1
c53586	12	1.1	12	13	US-09-823	1
53587	12	1.1	12	14	US-10-001	1
53588	12	1.1	12	14	US-10-094	1
53589	12	1.1	12	14	US-10-208	1
c53590	12	1.1	12	15	US-10-067	1
53591	12	1.1	12	15	US-10-180	1
c 687	17	1.5	18	10	US-09-809	0.944444
c 688	17	1.5	18	11	US-09-888	0.944444
c 689	17	1.5	18	11	US-09-776	0.944444
c 690	17	1.5	18	11	US-09-776	0.944444

c 691	17	1.5	18	11	US-09-370	0.944444	
c 692	17	1.5	18	12	US-10-389	0.944444	
693	17	1.5	18	12	US-10-271	0.944444	
c 694	17	1.5	18	13	US-10-056	0.944444	
c 695	17	1.5	18	13	US-10-352	0.944444	
696	17	1.5	18	13	US-10-352	0.944444	
c 697	17	1.5	18	13	US-10-075	0.944444	
c 698	17	1.5	18	14	US-10-125	0.944444	
699	17	1.5	18	14	US-10-208	0.944444	
c 700	17	1.5	18	15	US-10-112	0.944444	
c 701	17	1.5	18	15	US-10-017	0.944444	
c 702	17	1.5	18	15	US-10-017	0.944444	
c 703	17	1.5	18	15	US-10-206	0.944444	
c1619	16	1.5	17	9	US-09-090	0.941176	
c1620	16	1.5	17	13	US-10-333	0.941176	
c1621	16	1.5	17	13	US-10-309	0.941176	
c1622	16	1.5	17	13	US-10-352	0.941176	
c1623	16	1.5	17	13	US-10-220	0.941176	
c1624	16	1.5	17	13	US-09-730	0.941176	
c1625	16	1.5	17	13	US-10-352	0.941176	
c1626	16	1.5	17	15	US-10-156	0.941176	
c1627	16	1.5	17	15	US-10-156	0.941176	
c3470	15	1.4	16	9	US-09-739	0.9375	
c3471	15	1.4	16	9	US-09-739	0.9375	
c3472	15	1.4	16	9	US-09-739	0.9375	
c3473	15	1.4	16	9	US-09-739	0.9375	
c3474	15	1.4	16	9	US-09-739	0.9375	
c3475	15	1.4	16	9	US-09-739	0.9375	
3476	15	1.4	16	13	US-10-164	0.9375	
c3477	15	1.4	16	15	US-10-227	0.9375	
c8141	14	1.3	15	15	US-10-227	0.933333	
c20286	13	1.2	14	9	US-09-810	0.928571	
c20287	13	1.2	14	10	US-09-738	0.928571	
c20288	13	1.2	14	10	US-09-429	0.928571	
c20289	13	1.2	14	10	US-09-924	0.928571	
c20290	13	1.2	14	10	US-09-854	0.928571	
c20291	13	1.2	14	13	US-10-385	0.928571	
c20292	13	1.2	14	13	US-10-385	0.928571	
c20293	13	1.2	14	15	US-10-103	0.928571	
c20294	13	1.2	14	15	US-10-301	0.928571	
c20295	13	1.2	14	15	US-10-144	0.928571	
c20296	13	1.2	14	15	US-10-212	0.928571	
c53592	12	1.1	13	8	US-08-825	0.923077	
c53593	12	1.1	13	10	US-09-372	0.923077	
c53594	12	1.1	13	10	US-09-371	0.923077	
c53595	12	1.1	13	10	US-09-970	0.923077	
c53596	12	1.1	13	10	US-09-986	0.923077	
c53597	12	1.1	13	13	US-10-186	0.923077	
53598	12	1.1	13	14	US-10-094	0.923077	
c53599	12	1.1	13	15	US-10-149	0.923077	
c53600	12	1.1	13	15	US-10-149	0.923077	
c53601	12	1.1	13	15	US-10-149	0.923077	
c53602	12	1.1	13	15	US-10-108	0.923077	
c53603	12	1.1	13	15	US-10-325	0.923077	
c53604	12	1.1	13	15	US-10-325	0.923077	
c1262	16.4	1.5	18	11	US-09-994	0.911111	
c2519	15.4	1.4	17	15	US-10-156	0.905882	
c2520	15.4	1.4	17	15	US-10-156	0.905882	
c 581	17.2	1.6	19	9	US-09-371	0.905263	
c 582	17.2	1.6	19	12	US-10-401	0.905263	

c 583	17.2	1.6	19	13	US-10-177	0.905263
c 584	17.2	1.6	19	13	US-10-182	0.905263
c 585	17.2	1.6	19	15	US-10-176	0.905263
c 253	18	1.6	20	9	US-09-005	0.9
c 254	18	1.6	20	9	US-09-224	0.9
5741	14.4	1.3	16	15	US-10-287	0.9
5742	14.4	1.3	16	15	US-10-287	0.9
c30367	12.6	1.1	14	13	US-10-269	0.9
c30368	12.6	1.1	14	13	US-10-269	0.9
c1407	16.2	1.5	18	11	US-09-981	0.9
c 704	17	1.5	19	9	US-09-917	0.894737
705	17	1.5	19	9	US-09-917	0.894737
c 706	17	1.5	19	10	US-09-901	0.894737
c 707	17	1.5	19	10	US-09-853	0.894737
c 708	17	1.5	19	11	US-09-970	0.894737
c 709	17	1.5	19	11	US-09-970	0.894737
c 710	17	1.5	19	11	US-09-970	0.894737
c 711	17	1.5	19	13	US-10-322	0.894737
c 712	17	1.5	19	13	US-09-306	0.894737
c 713	17	1.5	19	13	US-09-996	0.894737
c 714	17	1.5	19	13	US-09-996	0.894737
c 715	17	1.5	19	13	US-10-013	0.894737
c 716	17	1.5	19	13	US-10-013	0.894737
717	17	1.5	19	13	US-10-371	0.894737
c 718	17	1.5	19	13	US-10-170	0.894737
719	17	1.5	19	13	US-10-205	0.894737
c 720	17	1.5	19	13	US-10-205	0.894737
c 721	17	1.5	19	13	US-10-331	0.894737
722	17	1.5	19	14	US-10-096	0.894737
723	17	1.5	19	14	US-10-208	0.894737
c 724	17	1.5	19	15	US-10-123	0.894737
c 725	17	1.5	19	15	US-10-123	0.894737
c 726	17	1.5	19	15	US-10-123	0.894737
c 727	17	1.5	19	15	US-10-123	0.894737
c 728	17	1.5	19	15	US-10-123	0.894737
c 729	17	1.5	19	15	US-10-123	0.894737
c 730	17	1.5	19	15	US-10-123	0.894737
c 731	17	1.5	19	15	US-10-123	0.894737
c 732	17	1.5	19	15	US-10-123	0.894737
c 733	17	1.5	19	15	US-10-123	0.894737
c 734	17	1.5	19	15	US-10-123	0.894737
c 735	17	1.5	19	15	US-10-123	0.894737
736	17	1.5	19	15	US-10-100	0.894737
737	17	1.5	19	15	US-10-100	0.894737
c 738	17	1.5	19	15	US-10-232	0.894737
c 739	17	1.5	19	15	US-10-247	0.894737
c 740	17	1.5	19	15	US-10-247	0.894737
c 741	17	1.5	19	15	US-10-247	0.894737
c 742	17	1.5	19	15	US-10-098	0.894737
c 743	17	1.5	19	15	US-10-098	0.894737
c 744	17	1.5	19	15	US-10-098	0.894737
c 745	17	1.5	19	15	US-10-098	0.894737
c 746	17	1.5	19	15	US-10-098	0.894737
c2879	15.2	1.4	17	14	US-10-015	0.894118
c14384	13.4	1.2	15	9	US-09-504	0.893333
c14385	13.4	1.2	15	9	US-09-274	0.893333
c14386	13.4	1.2	15	10	US-09-805	0.893333
c14387	13.4	1.2	15	13	US-10-051	0.893333
c14388	13.4	1.2	15	15	US-10-072	0.893333
c1628	16	1.5	18	11	US-09-994	0.888889

c1629	16	1.5	18	11	US-09-994	0.888889	
c1630	16	1.5	18	13	US-10-333	0.888889	
c1631	16	1.5	18	13	US-10-352	0.888889	
c1632	16	1.5	18	13	US-10-352	0.888889	
36759	12.4	1.1	14	9	US-09-152	0.885714	
c36760	12.4	1.1	14	12	US-09-998	0.885714	
36761	12.4	1.1	14	13	US-10-008	0.885714	
36762	12.4	1.1	14	13	US-10-208	0.885714	
c3478	15	1.4	17	9	US-09-788	0.882353	
c3479	15	1.4	17	9	US-09-090	0.882353	
c3480	15	1.4	17	9	US-09-090	0.882353	
c3481	15	1.4	17	10	US-09-788	0.882353	
c3482	15	1.4	17	13	US-10-220	0.882353	
c3483	15	1.4	17	13	US-10-220	0.882353	
c3484	15	1.4	17	13	US-09-730	0.882353	
c3485	15	1.4	17	13	US-09-730	0.882353	
c3486	15	1.4	17	15	US-10-146	0.882353	
c3487	15	1.4	17	15	US-10-156	0.882353	
8142	14	1.3	16	13	US-09-894	0.875	
c43982	12.2	1.1	14	14	US-10-015	0.871429	
c43983	12.2	1.1	14	14	US-10-160	0.871429	
c20297	13	1.2	15	9	US-09-504	0.866667	
c20298	13	1.2	15	9	US-09-504	0.866667	
c20299	13	1.2	15	9	US-09-274	0.866667	
c20300	13	1.2	15	9	US-09-274	0.866667	
20301	13	1.2	15	10	US-09-263	0.866667	
c20302	13	1.2	15	15	US-10-010	0.866667	
c20303	13	1.2	15	15	US-10-287	0.866667	
c20304	13	1.2	15	15	US-10-287	0.866667	
53605	12	1.1	14	9	US-09-504	0.857143	
53606	12	1.1	14	9	US-09-274	0.857143	
c53607	12	1.1	14	11	US-09-888	0.857143	
c53608	12	1.1	14	13	US-10-385	0.857143	
c53609	12	1.1	14	13	US-10-385	0.857143	
c53610	12	1.1	14	13	US-10-091	0.857143	
c53611	12	1.1	14	15	US-10-103	0.857143	
c53612	12	1.1	14	15	US-10-103	0.857143	
1408	16.2	1.5	19	15	US-10-103	0.852632	
c 747	17	1.5	20	9	US-09-005	0.85	
c 748	17	1.5	20	9	US-09-005	0.85	
c 749	17	1.5	20	9	US-09-224	0.85	
c 750	17	1.5	20	9	US-09-224	0.85	
751	17	1.5	20	10	US-09-973	0.85	
752	17	1.5	20	10	US-09-973	0.85	
753	17	1.5	20	10	US-09-974	0.85	
754	17	1.5	20	10	US-09-976	0.85	
755	17	1.5	20	10	US-09-961	0.85	
756	17	1.5	20	10	US-09-760	0.85	
757	17	1.5	20	10	US-09-967	0.85	
758	17	1.5	20	10	US-09-975	0.85	
759	17	1.5	20	10	US-09-976	0.85	
760	17	1.5	20	10	US-09-976	0.85	
c 761	17	1.5	20	10	US-09-771	0.85	
762	17	1.5	20	10	US-09-966	0.85	
763	17	1.5	20	10	US-09-927	0.85	
764	17	1.5	20	10	US-09-927	0.85	
765	17	1.5	20	10	US-09-966	0.85	
766	17	1.5	20	10	US-09-976	0.85	
767	17	1.5	20	11	US-09-880	0.85	
768	17	1.5	20	11	US-09-820	0.85	

769	17	1.5	20	11	US-09-888	0.85	
c 770	17	1.5	20	11	US-09-888	0.85	
c 771	17	1.5	20	11	US-09-888	0.85	
772	17	1.5	20	11	US-09-981	0.85	
773	17	1.5	20	11	US-09-957	0.85	
774	17	1.5	20	11	US-09-974	0.85	
775	17	1.5	20	11	US-09-975	0.85	
776	17	1.5	20	11	US-09-957	0.85	
c 777	17	1.5	20	11	US-09-912	0.85	
c 778	17	1.5	20	11	US-09-997	0.85	
779	17	1.5	20	11	US-09-976	0.85	
c 780	17	1.5	20	11	US-09-881	0.85	
c 781	17	1.5	20	11	US-09-776	0.85	
c 782	17	1.5	20	11	US-09-776	0.85	
783	17	1.5	20	11	US-09-776	0.85	
784	17	1.5	20	11	US-09-976	0.85	
785	17	1.5	20	13	US-09-975	0.85	
c 786	17	1.5	20	13	US-10-278	0.85	
787	17	1.5	20	13	US-09-976	0.85	
c 788	17	1.5	20	13	US-10-371	0.85	
789	17	1.5	20	13	US-10-410	0.85	
790	17	1.5	20	13	US-10-266	0.85	
791	17	1.5	20	13	US-10-266	0.85	
792	17	1.5	20	14	US-10-208	0.85	
793	17	1.5	20	14	US-10-051	0.85	
794	17	1.5	20	15	US-10-176	0.85	
c 795	17	1.5	20	15	US-10-117	0.85	
c 796	17	1.5	20	15	US-10-112	0.85	
c 797	17	1.5	20	15	US-10-112	0.85	
798	17	1.5	20	15	US-10-112	0.85	
799	17	1.5	20	15	US-10-077	0.85	
c 800	17	1.5	20	15	US-10-077	0.85	
c 801	17	1.5	20	15	US-10-017	0.85	
c 802	17	1.5	20	15	US-10-017	0.85	
803	17	1.5	20	15	US-10-017	0.85	
804	17	1.5	20	15	US-10-194	0.85	
805	17	1.5	20	15	US-10-008	0.85	
806	17	1.5	20	15	US-10-008	0.85	
c 807	17	1.5	20	15	US-10-188	0.85	
c 808	17	1.5	20	15	US-10-234	0.85	
c 809	17	1.5	20	16	US-10-255	0.85	
810	17	1.5	20	16	US-10-255	0.85	
c 293	17.8	1.6	21	11	US-09-773	0.847619	
5743	14.4	1.3	17	11	US-09-818	0.847059	
c5744	14.4	1.3	17	11	US-09-818	0.847059	
5745	14.4	1.3	17	11	US-09-818	0.847059	
c5746	14.4	1.3	17	11	US-09-818	0.847059	
5747	14.4	1.3	17	11	US-09-818	0.847059	
c5748	14.4	1.3	17	11	US-09-818	0.847059	
c5749	14.4	1.3	17	13	US-09-792	0.847059	
c5750	14.4	1.3	17	13	US-09-792	0.847059	
5751	14.4	1.3	17	13	US-10-338	0.847059	
5752	14.4	1.3	17	13	US-10-209	0.847059	
c5753	14.4	1.3	17	13	US-10-209	0.847059	
5754	14.4	1.3	17	13	US-10-209	0.847059	
c5755	14.4	1.3	17	13	US-10-209	0.847059	
5756	14.4	1.3	17	13	US-10-209	0.847059	
c5757	14.4	1.3	17	13	US-10-209	0.847059	
c5758	14.4	1.3	17	15	US-10-156	0.847059	
1132	16.8	1.5	20	9	US-09-752	0.84	

1133	16.8	1.5	20	13	US-10-005	0.84
30369	12.6	1.1	15	13	US-09-945	0.84
14389	13.4	1.2	16	13	US-10-164	0.8375
3488	15	1.4	18	10	US-09-904	0.833333
c3489	15	1.4	18	10	US-09-904	0.833333
c36763	12.4	1.1	15	9	US-09-504	0.826667
c36764	12.4	1.1	15	9	US-09-504	0.826667
c36765	12.4	1.1	15	9	US-09-274	0.826667
c36766	12.4	1.1	15	9	US-09-274	0.826667
c36767	12.4	1.1	15	15	US-10-056	0.826667
c36768	12.4	1.1	15	15	US-10-056	0.826667
c36769	12.4	1.1	15	15	US-10-156	0.826667
c8143	14	1.3	17	8	US-08-983	0.823529
c8144	14	1.3	17	15	US-10-156	0.823529
c 586	17.2	1.6	21	13	US-10-133	0.819048
c20305	13	1.2	16	13	US-10-331	0.8125
c9938	13.8	1.3	17	9	US-09-866	0.811765
c9939	13.8	1.3	17	9	US-09-866	0.811765
c9940	13.8	1.3	17	9	US-09-866	0.811765
c9941	13.8	1.3	17	9	US-09-866	0.811765
c9942	13.8	1.3	17	9	US-09-866	0.811765
9943	13.8	1.3	17	10	US-09-827	0.811765
9944	13.8	1.3	17	10	US-09-263	0.811765
c9945	13.8	1.3	17	11	US-09-825	0.811765
9946	13.8	1.3	17	11	US-09-961	0.811765
9947	13.8	1.3	17	11	US-09-818	0.811765
c9948	13.8	1.3	17	11	US-09-818	0.811765
9949	13.8	1.3	17	11	US-09-784	0.811765
9950	13.8	1.3	17	11	US-09-780	0.811765
c9951	13.8	1.3	17	11	US-09-776	0.811765
9952	13.8	1.3	17	11	US-09-740	0.811765
c9953	13.8	1.3	17	11	US-09-740	0.811765
c9954	13.8	1.3	17	13	US-09-792	0.811765
c9955	13.8	1.3	17	13	US-09-792	0.811765
9956	13.8	1.3	17	13	US-09-817	0.811765
c9957	13.8	1.3	17	13	US-09-817	0.811765
c9958	13.8	1.3	17	13	US-10-230	0.811765
c9959	13.8	1.3	17	13	US-10-230	0.811765
9960	13.8	1.3	17	13	US-10-209	0.811765
c9961	13.8	1.3	17	13	US-10-209	0.811765
c9962	13.8	1.3	17	15	US-10-203	0.811765
c9963	13.8	1.3	17	15	US-10-163	0.811765
c9964	13.8	1.3	17	15	US-10-156	0.811765
c9965	13.8	1.3	17	15	US-10-156	0.811765
c9966	13.8	1.3	17	15	US-10-156	0.811765
c9967	13.8	1.3	17	15	US-10-156	0.811765
c 811	17	1.5	21	11	US-09-888	0.809524
812	17	1.5	21	11	US-09-912	0.809524
c 813	17	1.5	21	11	US-09-997	0.809524
c 814	17	1.5	21	11	US-09-776	0.809524
815	17	1.5	21	13	US-10-371	0.809524
816	17	1.5	21	13	US-10-170	0.809524
817	17	1.5	21	14	US-10-096	0.809524
c 818	17	1.5	21	15	US-10-112	0.809524
c 819	17	1.5	21	15	US-10-017	0.809524
820	17	1.5	21	15	US-10-100	0.809524
c24548	12.8	1.2	16	10	US-09-263	0.8
c24549	12.8	1.2	16	13	US-10-084	0.8
c53613	12	1.1	15	9	US-09-504	0.8
c53614	12	1.1	15	9	US-09-504	0.8

c53615	12	1.1	15	9	US-09-504	0.8
c53616	12	1.1	15	9	US-09-274	0.8
c53617	12	1.1	15	9	US-09-274	0.8
c53618	12	1.1	15	9	US-09-274	0.8
53619	12	1.1	15	12	US-10-297	0.8
53620	12	1.1	15	13	US-10-356	0.8
53621	12	1.1	15	15	US-10-056	0.8
c53622	12	1.1	15	15	US-10-010	0.8
122	19	1.7	24	13	US-10-331	0.791667
c 123	19	1.7	24	15	US-10-002	0.791667
124	19	1.7	24	15	US-10-002	0.791667
14390	13.4	1.2	17	9	US-09-866	0.788235
14391	13.4	1.2	17	9	US-09-866	0.788235
14392	13.4	1.2	17	9	US-09-866	0.788235
c14393	13.4	1.2	17	9	US-09-866	0.788235
c14394	13.4	1.2	17	9	US-09-866	0.788235
c14395	13.4	1.2	17	9	US-09-866	0.788235
c14396	13.4	1.2	17	11	US-09-825	0.788235
c14397	13.4	1.2	17	11	US-09-818	0.788235
14398	13.4	1.2	17	11	US-09-818	0.788235
c14399	13.4	1.2	17	11	US-09-818	0.788235
14400	13.4	1.2	17	11	US-09-818	0.788235
c14401	13.4	1.2	17	11	US-09-818	0.788235
14402	13.4	1.2	17	11	US-09-818	0.788235
14403	13.4	1.2	17	11	US-09-784	0.788235
14404	13.4	1.2	17	11	US-09-784	0.788235
c14405	13.4	1.2	17	11	US-09-780	0.788235
c14406	13.4	1.2	17	11	US-09-780	0.788235
c14407	13.4	1.2	17	11	US-09-848	0.788235
c14408	13.4	1.2	17	11	US-09-848	0.788235
c14409	13.4	1.2	17	11	US-09-740	0.788235
14410	13.4	1.2	17	11	US-09-740	0.788235
c14411	13.4	1.2	17	12	US-10-307	0.788235
14412	13.4	1.2	17	12	US-10-307	0.788235
14413	13.4	1.2	17	13	US-09-792	0.788235
c14414	13.4	1.2	17	13	US-09-792	0.788235
14415	13.4	1.2	17	13	US-09-792	0.788235
c14416	13.4	1.2	17	13	US-09-817	0.788235
14417	13.4	1.2	17	13	US-09-817	0.788235
c14418	13.4	1.2	17	13	US-10-209	0.788235
14419	13.4	1.2	17	13	US-10-209	0.788235
c14420	13.4	1.2	17	13	US-10-209	0.788235
14421	13.4	1.2	17	13	US-10-209	0.788235
c14422	13.4	1.2	17	13	US-10-209	0.788235
14423	13.4	1.2	17	13	US-10-209	0.788235
c14424	13.4	1.2	17	15	US-10-163	0.788235
c14425	13.4	1.2	17	15	US-10-156	0.788235
c14426	13.4	1.2	17	15	US-10-156	0.788235
c63757	11.8	1.1	15	9	US-09-504	0.786667
c63758	11.8	1.1	15	9	US-09-274	0.786667
63759	11.8	1.1	15	10	US-09-774	0.786667
c63760	11.8	1.1	15	10	US-09-263	0.786667
c63761	11.8	1.1	15	10	US-09-263	0.786667
c63762	11.8	1.1	15	10	US-09-805	0.786667
63763	11.8	1.1	15	11	US-09-907	0.786667
63764	11.8	1.1	15	11	US-09-825	0.786667
63765	11.8	1.1	15	11	US-09-943	0.786667
63766	11.8	1.1	15	12	US-10-297	0.786667
63767	11.8	1.1	15	12	US-10-418	0.786667
c63768	11.8	1.1	15	13	US-09-882	0.786667

c63769	11.8	1.1	15	13	US-10-051	0.786667
63770	11.8	1.1	15	13	US-10-076	0.786667
63771	11.8	1.1	15	13	US-09-912	0.786667
63772	11.8	1.1	15	13	US-10-027	0.786667
63773	11.8	1.1	15	13	US-10-027	0.786667
63774	11.8	1.1	15	13	US-10-440	0.786667
63775	11.8	1.1	15	14	US-10-027	0.786667
63776	11.8	1.1	15	14	US-10-027	0.786667
c63777	11.8	1.1	15	15	US-10-072	0.786667
c63778	11.8	1.1	15	15	US-10-010	0.786667
c63779	11.8	1.1	15	15	US-10-287	0.786667
c63780	11.8	1.1	15	15	US-10-287	0.786667
63781	11.8	1.1	15	15	US-10-287	0.786667
63782	11.8	1.1	15	15	US-10-287	0.786667
c63783	11.8	1.1	15	15	US-10-188	0.786667
63784	11.8	1.1	15	15	US-10-156	0.786667
63785	11.8	1.1	15	15	US-10-156	0.786667
255	18	1.6	23	9	US-09-426	0.782609
c 587	17.2	1.6	22	13	US-10-314	0.781818
c4140	14.8	1.3	19	10	US-09-956	0.778947
c4141	14.8	1.3	19	13	US-10-251	0.778947
4142	14.8	1.3	19	13	US-10-251	0.778947
c8145	14	1.3	18	13	US-10-106	0.777778
c8146	14	1.3	18	13	US-09-823	0.777778
c8147	14	1.3	18	13	US-10-109	0.777778
c36770	12.4	1.1	16	10	US-09-881	0.775
821	17	1.5	22	15	US-10-216	0.772727
2521	15.4	1.4	20	10	US-09-955	0.77
2522	15.4	1.4	20	10	US-09-263	0.77
2523	15.4	1.4	20	13	US-10-154	0.77
c 113	19.2	1.7	25	15	US-10-002	0.768
c9968	13.8	1.3	18	10	US-09-969	0.766667
9969	13.8	1.3	18	10	US-09-728	0.766667
c9970	13.8	1.3	18	10	US-09-263	0.766667
c9971	13.8	1.3	18	12	US-10-388	0.766667
9972	13.8	1.3	18	12	US-10-277	0.766667
c9973	13.8	1.3	18	13	US-10-289	0.766667
9974	13.8	1.3	18	13	US-10-388	0.766667
c9975	13.8	1.3	18	15	US-10-188	0.766667
c9976	13.8	1.3	18	15	US-10-188	0.766667
9977	13.8	1.3	18	15	US-10-216	0.766667
20306	13	1.2	17	9	US-09-866	0.764706
20307	13	1.2	17	9	US-09-866	0.764706
20308	13	1.2	17	9	US-09-866	0.764706
20309	13	1.2	17	9	US-09-866	0.764706
20310	13	1.2	17	9	US-09-866	0.764706
c20311	13	1.2	17	13	US-10-339	0.764706
c20312	13	1.2	17	15	US-10-156	0.764706
c2880	15.2	1.4	20	11	US-09-946	0.76
2881	15.2	1.4	20	12	US-10-175	0.76
c2882	15.2	1.4	20	12	US-10-175	0.76
c2883	15.2	1.4	20	13	US-10-015	0.76
c2884	15.2	1.4	20	13	US-10-006	0.76
c2885	15.2	1.4	20	13	US-10-006	0.76
c2886	15.2	1.4	20	13	US-10-015	0.76
c2887	15.2	1.4	20	13	US-10-017	0.76
c2888	15.2	1.4	20	13	US-10-017	0.76
c2889	15.2	1.4	20	13	US-10-012	0.76
c2890	15.2	1.4	20	13	US-10-017	0.76
c2891	15.2	1.4	20	13	US-10-012	0.76

c2892	15.2	1.4	20	13	US-10-012	0.76	
c2893	15.2	1.4	20	13	US-10-012	0.76	
c2894	15.2	1.4	20	13	US-10-012	0.76	
c2895	15.2	1.4	20	13	US-10-013	0.76	
c2896	15.2	1.4	20	13	US-10-013	0.76	
c2897	15.2	1.4	20	13	US-10-013	0.76	
c2898	15.2	1.4	20	13	US-10-013	0.76	
c2899	15.2	1.4	20	13	US-10-015	0.76	
c2900	15.2	1.4	20	13	US-10-015	0.76	
c2901	15.2	1.4	20	13	US-10-015	0.76	
c2902	15.2	1.4	20	13	US-10-012	0.76	
c2903	15.2	1.4	20	13	US-10-013	0.76	
c2904	15.2	1.4	20	13	US-10-015	0.76	
c2905	15.2	1.4	20	13	US-10-015	0.76	
c2906	15.2	1.4	20	13	US-10-015	0.76	
c2907	15.2	1.4	20	13	US-10-012	0.76	
c2908	15.2	1.4	20	13	US-10-015	0.76	
c2909	15.2	1.4	20	13	US-10-007	0.76	
c2910	15.2	1.4	20	13	US-10-015	0.76	
2911	15.2	1.4	20	13	US-10-126	0.76	
c2912	15.2	1.4	20	13	US-10-013	0.76	
c2913	15.2	1.4	20	13	US-10-015	0.76	
c2914	15.2	1.4	20	13	US-10-015	0.76	
c2915	15.2	1.4	20	13	US-10-015	0.76	
c2916	15.2	1.4	20	13	US-10-006	0.76	
c2917	15.2	1.4	20	15	US-10-006	0.76	
c2918	15.2	1.4	20	15	US-10-006	0.76	
c2919	15.2	1.4	20	15	US-10-015	0.76	
c2920	15.2	1.4	20	15	US-10-015	0.76	
c2921	15.2	1.4	20	15	US-10-012	0.76	
c2922	15.2	1.4	20	15	US-10-006	0.76	
c2923	15.2	1.4	20	15	US-10-006	0.76	
c2924	15.2	1.4	20	15	US-10-017	0.76	
c2925	15.2	1.4	20	15	US-10-013	0.76	
c2926	15.2	1.4	20	15	US-10-007	0.76	
c2927	15.2	1.4	20	15	US-10-013	0.76	
c2928	15.2	1.4	20	15	US-10-011	0.76	
c2929	15.2	1.4	20	15	US-10-012	0.76	
c2930	15.2	1.4	20	15	US-10-015	0.76	
c2931	15.2	1.4	20	15	US-10-011	0.76	
c2932	15.2	1.4	20	15	US-10-006	0.76	
c2933	15.2	1.4	20	15	US-10-017	0.76	
c2934	15.2	1.4	20	15	US-10-006	0.76	
c2935	15.2	1.4	20	15	US-10-020	0.76	
c2936	15.2	1.4	20	15	US-10-015	0.76	
c2937	15.2	1.4	20	15	US-10-017	0.76	
c2938	15.2	1.4	20	16	US-10-006	0.76	
c2939	15.2	1.4	20	16	US-10-011	0.76	
c2940	15.2	1.4	20	16	US-10-015	0.76	
c24550	12.8	1.2	17	9	US-09-866	0.752941	
c24551	12.8	1.2	17	9	US-09-866	0.752941	
24552	12.8	1.2	17	9	US-09-866	0.752941	
24553	12.8	1.2	17	9	US-09-866	0.752941	
24554	12.8	1.2	17	9	US-09-866	0.752941	
24555	12.8	1.2	17	9	US-09-866	0.752941	
c24556	12.8	1.2	17	9	US-09-866	0.752941	
c24557	12.8	1.2	17	9	US-09-866	0.752941	
c24558	12.8	1.2	17	9	US-09-866	0.752941	
24559	12.8	1.2	17	10	US-09-827	0.752941	
24560	12.8	1.2	17	10	US-09-827	0.752941	

24561	12.8	1.2	17	10	US-09-864	0.752941
c24562	12.8	1.2	17	10	US-09-864	0.752941
c24563	12.8	1.2	17	10	US-09-864	0.752941
24564	12.8	1.2	17	10	US-09-864	0.752941
c24565	12.8	1.2	17	11	US-09-825	0.752941
c24566	12.8	1.2	17	11	US-09-825	0.752941
c24567	12.8	1.2	17	11	US-09-825	0.752941
24568	12.8	1.2	17	11	US-09-961	0.752941
24569	12.8	1.2	17	11	US-09-961	0.752941
c24570	12.8	1.2	17	11	US-09-765	0.752941
c24571	12.8	1.2	17	11	US-09-818	0.752941
24572	12.8	1.2	17	11	US-09-818	0.752941
24573	12.8	1.2	17	11	US-09-784	0.752941
c24574	12.8	1.2	17	11	US-09-780	0.752941
c24575	12.8	1.2	17	11	US-09-780	0.752941
24576	12.8	1.2	17	11	US-09-780	0.752941
c24577	12.8	1.2	17	11	US-09-780	0.752941
24578	12.8	1.2	17	11	US-09-780	0.752941
c24579	12.8	1.2	17	11	US-09-877	0.752941
c24580	12.8	1.2	17	11	US-09-848	0.752941
c24581	12.8	1.2	17	11	US-09-848	0.752941
24582	12.8	1.2	17	11	US-09-848	0.752941
24583	12.8	1.2	17	11	US-09-848	0.752941
c24584	12.8	1.2	17	11	US-09-776	0.752941
24585	12.8	1.2	17	11	US-09-776	0.752941
c24586	12.8	1.2	17	11	US-09-776	0.752941
24587	12.8	1.2	17	11	US-09-930	0.752941
24588	12.8	1.2	17	11	US-09-930	0.752941
24589	12.8	1.2	17	11	US-09-780	0.752941
c24590	12.8	1.2	17	11	US-09-827	0.752941
c24591	12.8	1.2	17	11	US-09-827	0.752941
c24592	12.8	1.2	17	11	US-09-827	0.752941
c24593	12.8	1.2	17	11	US-09-827	0.752941
c24594	12.8	1.2	17	11	US-09-827	0.752941
24595	12.8	1.2	17	11	US-09-740	0.752941
c24596	12.8	1.2	17	11	US-09-740	0.752941
24597	12.8	1.2	17	12	US-10-307	0.752941
c24598	12.8	1.2	17	12	US-10-307	0.752941
c24599	12.8	1.2	17	12	US-10-307	0.752941
24600	12.8	1.2	17	12	US-10-307	0.752941
24601	12.8	1.2	17	13	US-09-745	0.752941
24602	12.8	1.2	17	13	US-09-745	0.752941
24603	12.8	1.2	17	13	US-10-238	0.752941
c24604	12.8	1.2	17	13	US-10-169	0.752941
c24605	12.8	1.2	17	13	US-10-061	0.752941
c24606	12.8	1.2	17	13	US-10-061	0.752941
24607	12.8	1.2	17	13	US-09-817	0.752941
c24608	12.8	1.2	17	13	US-09-817	0.752941
c24609	12.8	1.2	17	13	US-10-339	0.752941
c24610	12.8	1.2	17	13	US-10-230	0.752941
c24611	12.8	1.2	17	13	US-10-209	0.752941
24612	12.8	1.2	17	13	US-10-209	0.752941
c24613	12.8	1.2	17	14	US-10-020	0.752941
c24614	12.8	1.2	17	15	US-10-163	0.752941
24615	12.8	1.2	17	15	US-10-163	0.752941
c24616	12.8	1.2	17	15	US-10-163	0.752941
c24617	12.8	1.2	17	15	US-10-163	0.752941
c24618	12.8	1.2	17	15	US-10-163	0.752941
24619	12.8	1.2	17	15	US-10-156	0.752941
c24620	12.8	1.2	17	15	US-10-156	0.752941

24621	12.8	1.2	17	15	US-10-156	0.752941	
c24622	12.8	1.2	17	15	US-10-156	0.752941	
c24623	12.8	1.2	17	15	US-10-156	0.752941	
c24624	12.8	1.2	17	15	US-10-156	0.752941	
24625	12.8	1.2	17	15	US-10-156	0.752941	
c24626	12.8	1.2	17	15	US-10-156	0.752941	
c24627	12.8	1.2	17	15	US-10-156	0.752941	
131	18.8	1.7	25	15	US-10-278	0.752	
3490	15	1.4	20	12	US-10-374	0.75	
3491	15	1.4	20	13	US-10-164	0.75	
53623	12	1.1	16	9	US-09-829	0.75	
c53624	12	1.1	16	9	US-09-918	0.75	
c53625	12	1.1	16	10	US-09-811	0.75	
c53626	12	1.1	16	13	US-10-353	0.75	
c53627	12	1.1	16	13	US-10-174	0.75	
c53628	12	1.1	16	13	US-10-103	0.75	
c53629	12	1.1	16	13	US-10-431	0.75	
c6812	14.2	1.3	19	13	US-10-314	0.747368	
c6813	14.2	1.3	19	15	US-10-153	0.747368	
14427	13.4	1.2	18	11	US-09-738	0.744444	
14428	13.4	1.2	18	12	US-10-388	0.744444	
c 294	17.8	1.6	24	10	US-09-901	0.741667	
c 295	17.8	1.6	24	10	US-09-853	0.741667	
c4143	14.8	1.3	20	9	US-09-416	0.74	
4144	14.8	1.3	20	11	US-09-860	0.74	
4145	14.8	1.3	20	11	US-09-940	0.74	
4146	14.8	1.3	20	11	US-09-870	0.74	
4147	14.8	1.3	20	11	US-09-941	0.74	
c4148	14.8	1.3	20	12	US-10-167	0.74	
4149	14.8	1.3	20	12	US-10-167	0.74	
4150	14.8	1.3	20	15	US-10-159	0.74	
c4151	14.8	1.3	20	15	US-10-001	0.74	
c63786	11.8	1.1	16	9	US-09-829	0.7375	
c63787	11.8	1.1	16	9	US-09-829	0.7375	
c63788	11.8	1.1	16	9	US-09-829	0.7375	
63789	11.8	1.1	16	9	US-09-829	0.7375	
c63790	11.8	1.1	16	9	US-09-829	0.7375	
c63791	11.8	1.1	16	9	US-09-829	0.7375	
63792	11.8	1.1	16	10	US-09-931	0.7375	
63793	11.8	1.1	16	12	US-10-317	0.7375	
c63794	11.8	1.1	16	12	US-10-317	0.7375	
63795	11.8	1.1	16	12	US-10-317	0.7375	
c63796	11.8	1.1	16	12	US-10-317	0.7375	
c63797	11.8	1.1	16	13	US-10-091	0.7375	
63798	11.8	1.1	16	13	US-10-191	0.7375	
c63799	11.8	1.1	16	15	US-10-287	0.7375	
c63800	11.8	1.1	16	15	US-10-108	0.7375	
63801	11.8	1.1	16	15	US-10-192	0.7375	
c 350	17.6	1.6	24	10	US-09-920	0.733333	
c 351	17.6	1.6	24	10	US-09-920	0.733333	
c 352	17.6	1.6	24	11	US-09-949	0.733333	
c 353	17.6	1.6	24	11	US-09-888	0.733333	
c 354	17.6	1.6	24	11	US-09-776	0.733333	
c 355	17.6	1.6	24	11	US-09-776	0.733333	
356	17.6	1.6	24	11	US-09-776	0.733333	
c 357	17.6	1.6	24	13	US-10-272	0.733333	
c 358	17.6	1.6	24	13	US-10-224	0.733333	
359	17.6	1.6	24	13	US-10-389	0.733333	
360	17.6	1.6	24	14	US-10-043	0.733333	
c 361	17.6	1.6	24	15	US-10-112	0.733333	

c 362	17.6	1.6	24	15	US-10-112	0.733333	
363	17.6	1.6	24	15	US-10-112	0.733333	
c 364	17.6	1.6	24	15	US-10-017	0.733333	
c 365	17.6	1.6	24	15	US-10-017	0.733333	
366	17.6	1.6	24	15	US-10-017	0.733333	
c 367	17.6	1.6	24	15	US-10-058	0.733333	
368	17.6	1.6	24	15	US-10-081	0.733333	
2524	15.4	1.4	21	9	US-09-828	0.733333	
c2525	15.4	1.4	21	12	US-10-418	0.733333	
c17330	13.2	1.2	18	9	US-09-838	0.733333	
17331	13.2	1.2	18	10	US-09-942	0.733333	
17332	13.2	1.2	18	10	US-09-764	0.733333	
c17333	13.2	1.2	18	10	US-09-969	0.733333	
17334	13.2	1.2	18	10	US-09-942	0.733333	
17335	13.2	1.2	18	11	US-09-988	0.733333	
17336	13.2	1.2	18	11	US-09-774	0.733333	
17337	13.2	1.2	18	11	US-09-791	0.733333	
17338	13.2	1.2	18	12	US-10-388	0.733333	
c17339	13.2	1.2	18	12	US-10-388	0.733333	
17340	13.2	1.2	18	12	US-10-388	0.733333	
17341	13.2	1.2	18	13	US-09-942	0.733333	
17342	13.2	1.2	18	13	US-09-764	0.733333	
17343	13.2	1.2	18	13	US-10-178	0.733333	
17344	13.2	1.2	18	15	US-10-231	0.733333	
c17345	13.2	1.2	18	16	US-10-316	0.733333	
36771	12.4	1.1	17	9	US-09-866	0.729412	
36772	12.4	1.1	17	9	US-09-866	0.729412	
c36773	12.4	1.1	17	9	US-09-866	0.729412	
c36774	12.4	1.1	17	9	US-09-866	0.729412	
c36775	12.4	1.1	17	9	US-09-866	0.729412	
c36776	12.4	1.1	17	9	US-09-866	0.729412	
c36777	12.4	1.1	17	9	US-09-866	0.729412	
c36778	12.4	1.1	17	9	US-09-866	0.729412	
c36779	12.4	1.1	17	9	US-09-866	0.729412	
c36780	12.4	1.1	17	9	US-09-866	0.729412	
c36781	12.4	1.1	17	9	US-09-866	0.729412	
c36782	12.4	1.1	17	9	US-09-866	0.729412	
c36783	12.4	1.1	17	9	US-09-866	0.729412	
c36784	12.4	1.1	17	10	US-09-864	0.729412	
36785	12.4	1.1	17	11	US-09-825	0.729412	
c36786	12.4	1.1	17	11	US-09-825	0.729412	
c36787	12.4	1.1	17	11	US-09-825	0.729412	
c36788	12.4	1.1	17	11	US-09-825	0.729412	
c36789	12.4	1.1	17	11	US-09-825	0.729412	
c36790	12.4	1.1	17	11	US-09-825	0.729412	
c36791	12.4	1.1	17	11	US-09-825	0.729412	
36792	12.4	1.1	17	11	US-09-818	0.729412	
c36793	12.4	1.1	17	11	US-09-818	0.729412	
36794	12.4	1.1	17	11	US-09-784	0.729412	
c36795	12.4	1.1	17	11	US-09-780	0.729412	
36796	12.4	1.1	17	11	US-09-780	0.729412	
c36797	12.4	1.1	17	11	US-09-877	0.729412	
c36798	12.4	1.1	17	11	US-09-877	0.729412	
c36799	12.4	1.1	17	11	US-09-848	0.729412	
36800	12.4	1.1	17	11	US-09-776	0.729412	
36801	12.4	1.1	17	11	US-09-776	0.729412	
36802	12.4	1.1	17	11	US-09-740	0.729412	
c36803	12.4	1.1	17	11	US-09-740	0.729412	
36804	12.4	1.1	17	12	US-10-307	0.729412	
c36805	12.4	1.1	17	12	US-10-307	0.729412	

36806	12.4	1.1	17	13	US-09-792	0.729412	
36807	12.4	1.1	17	13	US-09-792	0.729412	
c36808	12.4	1.1	17	13	US-10-238	0.729412	
36809	12.4	1.1	17	13	US-10-238	0.729412	
c36810	12.4	1.1	17	13	US-10-238	0.729412	
36811	12.4	1.1	17	13	US-10-238	0.729412	
36812	12.4	1.1	17	13	US-10-339	0.729412	
c36813	12.4	1.1	17	13	US-10-339	0.729412	
36814	12.4	1.1	17	13	US-09-817	0.729412	
c36815	12.4	1.1	17	13	US-09-817	0.729412	
36816	12.4	1.1	17	13	US-10-339	0.729412	
c36817	12.4	1.1	17	13	US-10-338	0.729412	
36818	12.4	1.1	17	13	US-10-209	0.729412	
c36819	12.4	1.1	17	13	US-10-209	0.729412	
c36820	12.4	1.1	17	14	US-10-041	0.729412	
c36821	12.4	1.1	17	15	US-10-060	0.729412	
c36822	12.4	1.1	17	15	US-10-060	0.729412	
c36823	12.4	1.1	17	15	US-10-060	0.729412	
c36824	12.4	1.1	17	15	US-10-060	0.729412	
c36825	12.4	1.1	17	15	US-10-060	0.729412	
c36826	12.4	1.1	17	15	US-10-060	0.729412	
c36827	12.4	1.1	17	15	US-10-060	0.729412	
c36828	12.4	1.1	17	15	US-10-060	0.729412	
c36829	12.4	1.1	17	15	US-10-163	0.729412	
c36830	12.4	1.1	17	15	US-10-163	0.729412	
c36831	12.4	1.1	17	15	US-10-163	0.729412	
36832	12.4	1.1	17	15	US-10-163	0.729412	
c36833	12.4	1.1	17	15	US-10-163	0.729412	
c36834	12.4	1.1	17	15	US-10-163	0.729412	
c36835	12.4	1.1	17	15	US-10-163	0.729412	
c36836	12.4	1.1	17	15	US-10-163	0.729412	
c36837	12.4	1.1	17	15	US-10-163	0.729412	
36838	12.4	1.1	17	15	US-10-156	0.729412	
c36839	12.4	1.1	17	15	US-10-156	0.729412	
c36840	12.4	1.1	17	15	US-10-156	0.729412	
c36841	12.4	1.1	17	15	US-10-156	0.729412	
c36842	12.4	1.1	17	15	US-10-156	0.729412	
36843	12.4	1.1	17	15	US-10-156	0.729412	
36844	12.4	1.1	17	15	US-10-156	0.729412	
c36845	12.4	1.1	17	15	US-10-156	0.729412	
36846	12.4	1.1	17	15	US-10-156	0.729412	
36847	12.4	1.1	17	15	US-10-156	0.729412	
36848	12.4	1.1	17	15	US-10-156	0.729412	
36849	12.4	1.1	17	15	US-10-156	0.729412	
36850	12.4	1.1	17	15	US-10-156	0.729412	
36851	12.4	1.1	17	15	US-10-156	0.729412	
36852	12.4	1.1	17	15	US-10-156	0.729412	
36853	12.4	1.1	17	15	US-10-156	0.729412	
9978	13.8	1.3	19	11	US-09-825	0.726316	
9979	13.8	1.3	19	13	US-10-224	0.726316	
c9980	13.8	1.3	19	13	US-10-224	0.726316	
c9981	13.8	1.3	19	13	US-10-251	0.726316	
9982	13.8	1.3	19	13	US-10-251	0.726316	
9983	13.8	1.3	19	13	US-10-225	0.726316	
c9984	13.8	1.3	19	13	US-10-225	0.726316	
20313	13	1.2	18	10	US-09-969	0.722222	
c20314	13	1.2	18	13	US-10-106	0.722222	
c20315	13	1.2	18	13	US-10-106	0.722222	
c20316	13	1.2	18	13	US-09-823	0.722222	
c20317	13	1.2	18	13	US-09-823	0.722222	

c20318	13	1.2	18	13	US-10-109	0.722222	
c20319	13	1.2	18	13	US-10-109	0.722222	
20320	13	1.2	18	15	US-10-181	0.722222	
20321	13	1.2	18	15	US-10-209	0.722222	
c5759	14.4	1.3	20	10	US-09-800	0.72	
5760	14.4	1.3	20	10	US-09-791	0.72	
c5761	14.4	1.3	20	11	US-09-948	0.72	
c5762	14.4	1.3	20	12	US-10-367	0.72	
c5763	14.4	1.3	20	12	US-10-277	0.72	
5764	14.4	1.3	20	13	US-10-024	0.72	
c5765	14.4	1.3	20	13	US-10-076	0.72	
c5766	14.4	1.3	20	13	US-10-160	0.72	
c5767	14.4	1.3	20	15	US-10-188	0.72	
c5768	14.4	1.3	20	15	US-10-139	0.72	
c5769	14.4	1.3	20	15	US-10-225	0.72	
c5770	14.4	1.3	20	15	US-10-007	0.72	
c1827	15.8	1.4	22	9	US-09-784	0.718182	
1828	15.8	1.4	22	10	US-09-998	0.718182	
1829	15.8	1.4	22	10	US-09-973	0.718182	
1830	15.8	1.4	22	10	US-09-973	0.718182	
1831	15.8	1.4	22	10	US-09-973	0.718182	
1832	15.8	1.4	22	10	US-09-973	0.718182	
1833	15.8	1.4	22	10	US-09-974	0.718182	
1834	15.8	1.4	22	10	US-09-974	0.718182	
1835	15.8	1.4	22	10	US-09-976	0.718182	
1836	15.8	1.4	22	10	US-09-976	0.718182	
1837	15.8	1.4	22	10	US-09-961	0.718182	
1838	15.8	1.4	22	10	US-09-961	0.718182	
1839	15.8	1.4	22	10	US-09-760	0.718182	
1840	15.8	1.4	22	10	US-09-760	0.718182	
1841	15.8	1.4	22	10	US-09-967	0.718182	
1842	15.8	1.4	22	10	US-09-967	0.718182	
1843	15.8	1.4	22	10	US-09-975	0.718182	
1844	15.8	1.4	22	10	US-09-975	0.718182	
1845	15.8	1.4	22	10	US-09-976	0.718182	
1846	15.8	1.4	22	10	US-09-976	0.718182	
1847	15.8	1.4	22	10	US-09-976	0.718182	
1848	15.8	1.4	22	10	US-09-976	0.718182	
1849	15.8	1.4	22	10	US-09-966	0.718182	
1850	15.8	1.4	22	10	US-09-966	0.718182	
1851	15.8	1.4	22	10	US-09-927	0.718182	
1852	15.8	1.4	22	10	US-09-927	0.718182	
1853	15.8	1.4	22	10	US-09-927	0.718182	
1854	15.8	1.4	22	10	US-09-966	0.718182	
1855	15.8	1.4	22	10	US-09-966	0.718182	
1856	15.8	1.4	22	10	US-09-976	0.718182	
1857	15.8	1.4	22	10	US-09-976	0.718182	
1858	15.8	1.4	22	11	US-09-820	0.718182	
1859	15.8	1.4	22	11	US-09-820	0.718182	
1860	15.8	1.4	22	11	US-09-981	0.718182	
1861	15.8	1.4	22	11	US-09-981	0.718182	
1862	15.8	1.4	22	11	US-09-957	0.718182	
1863	15.8	1.4	22	11	US-09-957	0.718182	
1864	15.8	1.4	22	11	US-09-974	0.718182	
1865	15.8	1.4	22	11	US-09-974	0.718182	
1866	15.8	1.4	22	11	US-09-975	0.718182	
1867	15.8	1.4	22	11	US-09-975	0.718182	
1868	15.8	1.4	22	11	US-09-957	0.718182	
1869	15.8	1.4	22	11	US-09-957	0.718182	
1870	15.8	1.4	22	11	US-09-976	0.718182	

1871	15.8	1.4	22	11	US-09-976	0.718182
1872	15.8	1.4	22	11	US-09-976	0.718182
1873	15.8	1.4	22	11	US-09-976	0.718182
1874	15.8	1.4	22	13	US-09-975	0.718182
1875	15.8	1.4	22	13	US-09-975	0.718182
1876	15.8	1.4	22	13	US-09-976	0.718182
1877	15.8	1.4	22	13	US-09-976	0.718182
c1878	15.8	1.4	22	13	US-10-106	0.718182
1879	15.8	1.4	22	13	US-10-410	0.718182
1880	15.8	1.4	22	13	US-10-410	0.718182
1881	15.8	1.4	22	13	US-10-266	0.718182
1882	15.8	1.4	22	13	US-10-266	0.718182
1883	15.8	1.4	22	13	US-10-266	0.718182
1884	15.8	1.4	22	15	US-10-008	0.718182
1885	15.8	1.4	22	15	US-10-008	0.718182
1886	15.8	1.4	22	15	US-10-008	0.718182
43984	12.2	1.1	17	9	US-09-866	0.717647
43985	12.2	1.1	17	9	US-09-866	0.717647
c43986	12.2	1.1	17	9	US-09-866	0.717647
43987	12.2	1.1	17	9	US-09-866	0.717647
43988	12.2	1.1	17	9	US-09-866	0.717647
43989	12.2	1.1	17	9	US-09-866	0.717647
43990	12.2	1.1	17	9	US-09-866	0.717647
c43991	12.2	1.1	17	9	US-09-866	0.717647
43992	12.2	1.1	17	9	US-09-866	0.717647
c43993	12.2	1.1	17	9	US-09-866	0.717647
c43994	12.2	1.1	17	9	US-09-866	0.717647
c43995	12.2	1.1	17	9	US-09-866	0.717647
43996	12.2	1.1	17	9	US-09-866	0.717647
c43997	12.2	1.1	17	9	US-09-866	0.717647
43998	12.2	1.1	17	9	US-09-866	0.717647
43999	12.2	1.1	17	9	US-09-866	0.717647
44000	12.2	1.1	17	9	US-09-866	0.717647
44001	12.2	1.1	17	9	US-09-866	0.717647
c44002	12.2	1.1	17	9	US-09-866	0.717647
c44003	12.2	1.1	17	9	US-09-866	0.717647
c44004	12.2	1.1	17	9	US-09-866	0.717647
c44005	12.2	1.1	17	9	US-09-866	0.717647
44006	12.2	1.1	17	9	US-09-866	0.717647
44007	12.2	1.1	17	9	US-09-866	0.717647
c44008	12.2	1.1	17	9	US-09-866	0.717647
44009	12.2	1.1	17	9	US-09-866	0.717647
44010	12.2	1.1	17	9	US-09-866	0.717647
44011	12.2	1.1	17	9	US-09-866	0.717647
c44012	12.2	1.1	17	10	US-09-827	0.717647
44013	12.2	1.1	17	10	US-09-827	0.717647
44014	12.2	1.1	17	10	US-09-872	0.717647
44015	12.2	1.1	17	10	US-09-864	0.717647
44016	12.2	1.1	17	10	US-09-864	0.717647
c44017	12.2	1.1	17	10	US-09-864	0.717647
44018	12.2	1.1	17	10	US-09-864	0.717647
c44019	12.2	1.1	17	10	US-09-864	0.717647
c44020	12.2	1.1	17	10	US-09-864	0.717647
c44021	12.2	1.1	17	10	US-09-864	0.717647
44022	12.2	1.1	17	10	US-09-864	0.717647
44023	12.2	1.1	17	10	US-09-864	0.717647
c44024	12.2	1.1	17	11	US-09-825	0.717647
44025	12.2	1.1	17	11	US-09-825	0.717647
44026	12.2	1.1	17	11	US-09-825	0.717647
44027	12.2	1.1	17	11	US-09-961	0.717647

44028	12.2	1.1	17	11	US-09-961	0.717647	
c44029	12.2	1.1	17	11	US-09-961	0.717647	
c44030	12.2	1.1	17	11	US-09-961	0.717647	
c44031	12.2	1.1	17	11	US-09-961	0.717647	
44032	12.2	1.1	17	11	US-09-818	0.717647	
c44033	12.2	1.1	17	11	US-09-818	0.717647	
44034	12.2	1.1	17	11	US-09-780	0.717647	
c44035	12.2	1.1	17	11	US-09-780	0.717647	
c44036	12.2	1.1	17	11	US-09-780	0.717647	
44037	12.2	1.1	17	11	US-09-780	0.717647	
44038	12.2	1.1	17	11	US-09-780	0.717647	
c44039	12.2	1.1	17	11	US-09-780	0.717647	
c44040	12.2	1.1	17	11	US-09-877	0.717647	
c44041	12.2	1.1	17	11	US-09-877	0.717647	
44042	12.2	1.1	17	11	US-09-848	0.717647	
44043	12.2	1.1	17	11	US-09-848	0.717647	
c44044	12.2	1.1	17	11	US-09-848	0.717647	
44045	12.2	1.1	17	11	US-09-848	0.717647	
44046	12.2	1.1	17	11	US-09-848	0.717647	
44047	12.2	1.1	17	11	US-09-848	0.717647	
44048	12.2	1.1	17	11	US-09-848	0.717647	
44049	12.2	1.1	17	11	US-09-848	0.717647	
c44050	12.2	1.1	17	11	US-09-848	0.717647	
44051	12.2	1.1	17	11	US-09-848	0.717647	
c44052	12.2	1.1	17	11	US-09-848	0.717647	
44053	12.2	1.1	17	11	US-09-848	0.717647	
44054	12.2	1.1	17	11	US-09-403	0.717647	
c44055	12.2	1.1	17	11	US-09-776	0.717647	
44056	12.2	1.1	17	11	US-09-776	0.717647	
44057	12.2	1.1	17	11	US-09-776	0.717647	
44058	12.2	1.1	17	11	US-09-776	0.717647	
44059	12.2	1.1	17	11	US-09-776	0.717647	
44060	12.2	1.1	17	11	US-09-776	0.717647	
44061	12.2	1.1	17	11	US-09-930	0.717647	
44062	12.2	1.1	17	11	US-09-930	0.717647	
44063	12.2	1.1	17	11	US-09-930	0.717647	
44064	12.2	1.1	17	11	US-09-930	0.717647	
c44065	12.2	1.1	17	11	US-09-930	0.717647	
c44066	12.2	1.1	17	11	US-09-930	0.717647	
44067	12.2	1.1	17	11	US-09-930	0.717647	
44068	12.2	1.1	17	11	US-09-930	0.717647	
44069	12.2	1.1	17	11	US-09-930	0.717647	
44070	12.2	1.1	17	11	US-09-930	0.717647	
44071	12.2	1.1	17	11	US-09-930	0.717647	
44072	12.2	1.1	17	11	US-09-780	0.717647	
44073	12.2	1.1	17	11	US-09-780	0.717647	
c44074	12.2	1.1	17	11	US-09-780	0.717647	
44075	12.2	1.1	17	11	US-09-780	0.717647	
44076	12.2	1.1	17	11	US-09-780	0.717647	
c44077	12.2	1.1	17	11	US-09-780	0.717647	
44078	12.2	1.1	17	11	US-09-780	0.717647	
44079	12.2	1.1	17	11	US-09-827	0.717647	
c44080	12.2	1.1	17	11	US-09-827	0.717647	
c44081	12.2	1.1	17	11	US-09-827	0.717647	
c44082	12.2	1.1	17	11	US-09-827	0.717647	
c44083	12.2	1.1	17	11	US-09-827	0.717647	
c44084	12.2	1.1	17	11	US-09-827	0.717647	
c44085	12.2	1.1	17	11	US-09-740	0.717647	
c44086	12.2	1.1	17	11	US-09-740	0.717647	
44087	12.2	1.1	17	11	US-09-740	0.717647	

44088	12.2	1.1	17	11	US-09-740	0.717647	
c44089	12.2	1.1	17	11	US-09-740	0.717647	
44090	12.2	1.1	17	11	US-09-740	0.717647	
44091	12.2	1.1	17	12	US-10-297	0.717647	
c44092	12.2	1.1	17	12	US-10-297	0.717647	
c44093	12.2	1.1	17	12	US-10-376	0.717647	
44094	12.2	1.1	17	13	US-09-745	0.717647	
44095	12.2	1.1	17	13	US-09-745	0.717647	
44096	12.2	1.1	17	13	US-09-745	0.717647	
44097	12.2	1.1	17	13	US-09-745	0.717647	
c44098	12.2	1.1	17	13	US-09-745	0.717647	
c44099	12.2	1.1	17	13	US-09-745	0.717647	
44100	12.2	1.1	17	13	US-09-745	0.717647	
44101	12.2	1.1	17	13	US-09-745	0.717647	
44102	12.2	1.1	17	13	US-09-745	0.717647	
44103	12.2	1.1	17	13	US-09-745	0.717647	
44104	12.2	1.1	17	13	US-09-745	0.717647	
44105	12.2	1.1	17	13	US-09-792	0.717647	
c44106	12.2	1.1	17	13	US-09-792	0.717647	
44107	12.2	1.1	17	13	US-09-792	0.717647	
c44108	12.2	1.1	17	13	US-09-882	0.717647	
44109	12.2	1.1	17	13	US-10-211	0.717647	
44110	12.2	1.1	17	13	US-10-138	0.717647	
c44111	12.2	1.1	17	13	US-10-238	0.717647	
44112	12.2	1.1	17	13	US-10-238	0.717647	
44113	12.2	1.1	17	13	US-10-238	0.717647	
44114	12.2	1.1	17	13	US-10-238	0.717647	
c44115	12.2	1.1	17	13	US-10-061	0.717647	
c44116	12.2	1.1	17	13	US-10-061	0.717647	
44117	12.2	1.1	17	13	US-10-061	0.717647	
44118	12.2	1.1	17	13	US-10-061	0.717647	
44119	12.2	1.1	17	13	US-10-061	0.717647	
44120	12.2	1.1	17	13	US-10-061	0.717647	
c44121	12.2	1.1	17	13	US-10-061	0.717647	
44122	12.2	1.1	17	13	US-10-339	0.717647	
c44123	12.2	1.1	17	13	US-09-817	0.717647	
c44124	12.2	1.1	17	13	US-09-817	0.717647	
44125	12.2	1.1	17	13	US-09-817	0.717647	
44126	12.2	1.1	17	13	US-09-817	0.717647	
c44127	12.2	1.1	17	13	US-09-817	0.717647	
44128	12.2	1.1	17	13	US-09-817	0.717647	
44129	12.2	1.1	17	13	US-10-339	0.717647	
44130	12.2	1.1	17	13	US-10-338	0.717647	
44131	12.2	1.1	17	13	US-10-091	0.717647	
44132	12.2	1.1	17	13	US-10-091	0.717647	
c44133	12.2	1.1	17	13	US-10-230	0.717647	
44134	12.2	1.1	17	13	US-10-230	0.717647	
44135	12.2	1.1	17	13	US-10-209	0.717647	
c44136	12.2	1.1	17	13	US-10-209	0.717647	
44137	12.2	1.1	17	14	US-10-041	0.717647	
44138	12.2	1.1	17	15	US-10-060	0.717647	
c44139	12.2	1.1	17	15	US-10-060	0.717647	
44140	12.2	1.1	17	15	US-10-060	0.717647	
44141	12.2	1.1	17	15	US-10-060	0.717647	
c44142	12.2	1.1	17	15	US-10-060	0.717647	
c44143	12.2	1.1	17	15	US-10-060	0.717647	
44144	12.2	1.1	17	15	US-10-060	0.717647	
44145	12.2	1.1	17	15	US-10-060	0.717647	
c44146	12.2	1.1	17	15	US-10-060	0.717647	
44147	12.2	1.1	17	15	US-10-060	0.717647	

44148	12.2	1.1	17	15	US-10-287	0.717647	
44149	12.2	1.1	17	15	US-10-287	0.717647	
c44150	12.2	1.1	17	15	US-10-044	0.717647	
c44151	12.2	1.1	17	15	US-10-044	0.717647	
44152	12.2	1.1	17	15	US-10-060	0.717647	
c44153	12.2	1.1	17	15	US-10-060	0.717647	
44154	12.2	1.1	17	15	US-10-060	0.717647	
c44155	12.2	1.1	17	15	US-10-060	0.717647	
44156	12.2	1.1	17	15	US-10-060	0.717647	
44157	12.2	1.1	17	15	US-10-060	0.717647	
44158	12.2	1.1	17	15	US-10-060	0.717647	
44159	12.2	1.1	17	15	US-10-060	0.717647	
44160	12.2	1.1	17	15	US-10-060	0.717647	
44161	12.2	1.1	17	15	US-10-060	0.717647	
c44162	12.2	1.1	17	15	US-10-163	0.717647	
44163	12.2	1.1	17	15	US-10-163	0.717647	
44164	12.2	1.1	17	15	US-10-163	0.717647	
44165	12.2	1.1	17	15	US-10-163	0.717647	
c44166	12.2	1.1	17	15	US-10-209	0.717647	
44167	12.2	1.1	17	15	US-10-156	0.717647	
c44168	12.2	1.1	17	15	US-10-156	0.717647	
c44169	12.2	1.1	17	15	US-10-156	0.717647	
44170	12.2	1.1	17	15	US-10-156	0.717647	
44171	12.2	1.1	17	15	US-10-156	0.717647	
c44172	12.2	1.1	17	15	US-10-156	0.717647	
44173	12.2	1.1	17	15	US-10-156	0.717647	
c44174	12.2	1.1	17	15	US-10-156	0.717647	
c44175	12.2	1.1	17	15	US-10-156	0.717647	
44176	12.2	1.1	17	15	US-10-156	0.717647	
c44177	12.2	1.1	17	15	US-10-156	0.717647	
c44178	12.2	1.1	17	15	US-10-156	0.717647	
c44179	12.2	1.1	17	15	US-10-156	0.717647	
c44180	12.2	1.1	17	15	US-10-156	0.717647	
c44181	12.2	1.1	17	15	US-10-156	0.717647	
c44182	12.2	1.1	17	15	US-10-156	0.717647	
44183	12.2	1.1	17	15	US-10-156	0.717647	
44184	12.2	1.1	17	16	US-10-255	0.717647	
c44185	12.2	1.1	17	16	US-10-255	0.717647	
c 142	18.6	1.7	26	9	US-09-099	0.715385	
c3492	15	1.4	21	11	US-09-864	0.714286	
3493	15	1.4	21	12	US-10-374	0.714286	
c3494	15	1.4	21	13	US-10-084	0.714286	
c24628	12.8	1.2	18	10	US-09-736	0.711111	
c24629	12.8	1.2	18	10	US-09-880	0.711111	
c24630	12.8	1.2	18	10	US-09-969	0.711111	
c24631	12.8	1.2	18	11	US-09-765	0.711111	
c24632	12.8	1.2	18	11	US-09-824	0.711111	
c24633	12.8	1.2	18	11	US-09-824	0.711111	
c24634	12.8	1.2	18	11	US-09-824	0.711111	
c24635	12.8	1.2	18	11	US-09-918	0.711111	
24636	12.8	1.2	18	12	US-10-388	0.711111	
c24637	12.8	1.2	18	13	US-10-270	0.711111	
c24638	12.8	1.2	18	13	US-10-440	0.711111	
c24639	12.8	1.2	18	15	US-10-100	0.711111	
c6814	14.2	1.3	20	9	US-09-752	0.71	
6815	14.2	1.3	20	9	US-09-752	0.71	
6816	14.2	1.3	20	9	US-09-758	0.71	
c6817	14.2	1.3	20	10	US-09-851	0.71	
6818	14.2	1.3	20	11	US-09-824	0.71	
c6819	14.2	1.3	20	11	US-09-952	0.71	

c6820	14.2	1.3	20	11	US-09-864	0.71	
c6821	14.2	1.3	20	12	US-10-323	0.71	
c6822	14.2	1.3	20	12	US-10-177	0.71	
6823	14.2	1.3	20	12	US-10-177	0.71	
c6824	14.2	1.3	20	13	US-10-020	0.71	
6825	14.2	1.3	20	13	US-10-024	0.71	
c6826	14.2	1.3	20	13	US-10-084	0.71	
c6827	14.2	1.3	20	13	US-10-005	0.71	
6828	14.2	1.3	20	13	US-10-005	0.71	
6829	14.2	1.3	20	13	US-10-181	0.71	
c6830	14.2	1.3	20	13	US-10-380	0.71	
6831	14.2	1.3	20	15	US-10-139	0.71	
6832	14.2	1.3	20	15	US-10-016	0.71	
c6833	14.2	1.3	20	15	US-10-226	0.71	
6834	14.2	1.3	20	15	US-10-007	0.71	
2180	15.6	1.4	22	9	US-09-918	0.709091	
2181	15.6	1.4	22	9	US-09-918	0.709091	
c2182	15.6	1.4	22	11	US-09-770	0.709091	
2183	15.6	1.4	22	13	US-10-353	0.709091	
2184	15.6	1.4	22	13	US-10-353	0.709091	
c 822	17	1.5	24	13	US-10-182	0.708333	
823	17	1.5	24	15	US-10-216	0.708333	
53630	12	1.1	17	9	US-09-866	0.705882	
53631	12	1.1	17	9	US-09-866	0.705882	
53632	12	1.1	17	9	US-09-866	0.705882	
53633	12	1.1	17	9	US-09-866	0.705882	
c53634	12	1.1	17	9	US-09-866	0.705882	
c53635	12	1.1	17	9	US-09-866	0.705882	
53636	12	1.1	17	10	US-09-148	0.705882	
c53637	12	1.1	17	10	US-09-880	0.705882	
53638	12	1.1	17	10	US-09-864	0.705882	
53639	12	1.1	17	10	US-09-864	0.705882	
53640	12	1.1	17	10	US-09-864	0.705882	
53641	12	1.1	17	10	US-09-864	0.705882	
c53642	12	1.1	17	11	US-09-912	0.705882	
53643	12	1.1	17	11	US-09-930	0.705882	
53644	12	1.1	17	11	US-09-930	0.705882	
53645	12	1.1	17	11	US-09-930	0.705882	
53646	12	1.1	17	11	US-09-930	0.705882	
53647	12	1.1	17	11	US-09-930	0.705882	
53648	12	1.1	17	11	US-09-780	0.705882	
53649	12	1.1	17	11	US-09-780	0.705882	
53650	12	1.1	17	11	US-09-780	0.705882	
53651	12	1.1	17	11	US-09-780	0.705882	
53652	12	1.1	17	11	US-09-780	0.705882	
53653	12	1.1	17	11	US-09-780	0.705882	
53654	12	1.1	17	11	US-09-780	0.705882	
53655	12	1.1	17	11	US-09-780	0.705882	
53656	12	1.1	17	11	US-09-780	0.705882	
53657	12	1.1	17	11	US-09-827	0.705882	
53658	12	1.1	17	11	US-09-827	0.705882	
53659	12	1.1	17	11	US-09-827	0.705882	
53660	12	1.1	17	11	US-09-827	0.705882	
53661	12	1.1	17	11	US-09-827	0.705882	
53662	12	1.1	17	11	US-09-740	0.705882	
53663	12	1.1	17	11	US-09-740	0.705882	
c53664	12	1.1	17	11	US-09-740	0.705882	
53665	12	1.1	17	11	US-09-740	0.705882	
c53666	12	1.1	17	11	US-09-740	0.705882	
53667	12	1.1	17	13	US-09-745	0.705882	

53668	12	1.1	17	13	US-09-745	0.705882	
53669	12	1.1	17	13	US-09-745	0.705882	
53670	12	1.1	17	13	US-09-745	0.705882	
53671	12	1.1	17	13	US-09-745	0.705882	
53672	12	1.1	17	13	US-10-238	0.705882	
c53673	12	1.1	17	13	US-10-238	0.705882	
c53674	12	1.1	17	13	US-10-238	0.705882	
c53675	12	1.1	17	13	US-10-371	0.705882	
53676	12	1.1	17	13	US-10-339	0.705882	
53677	12	1.1	17	13	US-09-817	0.705882	
53678	12	1.1	17	13	US-09-817	0.705882	
c53679	12	1.1	17	13	US-09-817	0.705882	
53680	12	1.1	17	13	US-09-817	0.705882	
c53681	12	1.1	17	13	US-09-817	0.705882	
c53682	12	1.1	17	13	US-10-294	0.705882	
c53683	12	1.1	17	13	US-10-368	0.705882	
c53684	12	1.1	17	13	US-10-339	0.705882	
c53685	12	1.1	17	13	US-10-338	0.705882	
c53686	12	1.1	17	13	US-10-170	0.705882	
c53687	12	1.1	17	14	US-10-094	0.705882	
c53688	12	1.1	17	14	US-10-041	0.705882	
c53689	12	1.1	17	15	US-10-138	0.705882	
c53690	12	1.1	17	15	US-10-024	0.705882	
c53691	12	1.1	17	15	US-10-060	0.705882	
c53692	12	1.1	17	15	US-10-060	0.705882	
c53693	12	1.1	17	15	US-10-060	0.705882	
c53694	12	1.1	17	15	US-10-060	0.705882	
c53695	12	1.1	17	15	US-10-060	0.705882	
c53696	12	1.1	17	15	US-10-060	0.705882	
c53697	12	1.1	17	15	US-10-156	0.705882	
53698	12	1.1	17	15	US-10-156	0.705882	
53699	12	1.1	17	15	US-10-156	0.705882	
c14429	13.4	1.2	19	13	US-10-251	0.705263	
14430	13.4	1.2	19	13	US-10-251	0.705263	
c14431	13.4	1.2	19	13	US-10-251	0.705263	
14432	13.4	1.2	19	13	US-10-251	0.705263	
c14433	13.4	1.2	19	13	US-10-180	0.705263	
c14434	13.4	1.2	19	13	US-10-180	0.705263	
c14435	13.4	1.2	19	13	US-10-205	0.705263	
14436	13.4	1.2	19	13	US-10-205	0.705263	
c4152	14.8	1.3	21	9	US-09-853	0.704762	
1409	16.2	1.5	23	11	US-09-905	0.704348	
c 369	17.6	1.6	25	10	US-09-282	0.704	
c 370	17.6	1.6	25	13	US-10-348	0.704	
c 371	17.6	1.6	25	13	US-10-224	0.704	
372	17.6	1.6	25	15	US-10-098	0.704	
c 373	17.6	1.6	25	15	US-10-098	0.704	
c8148	14	1.3	20	9	US-09-854	0.7	
c8149	14	1.3	20	11	US-09-888	0.7	
c8150	14	1.3	20	11	US-09-776	0.7	
8151	14	1.3	20	13	US-10-127	0.7	
c8152	14	1.3	20	13	US-10-360	0.7	
c8153	14	1.3	20	15	US-10-112	0.7	
c8154	14	1.3	20	15	US-10-017	0.7	